US ERA ARCHIVE DOCUMENT





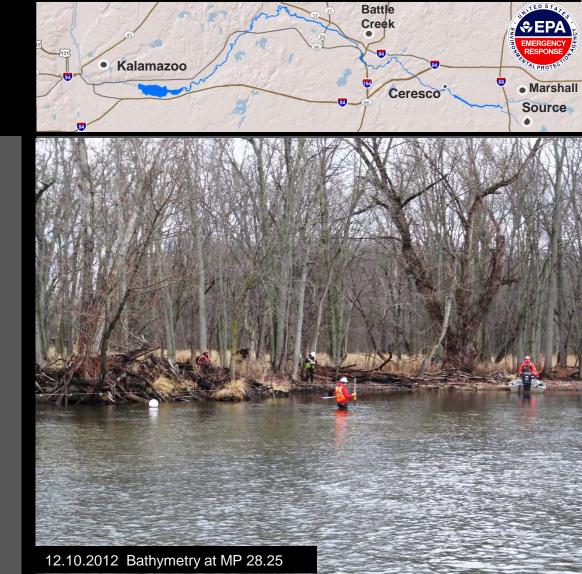
Situation Update

December 12, 2012

Submerged Oil

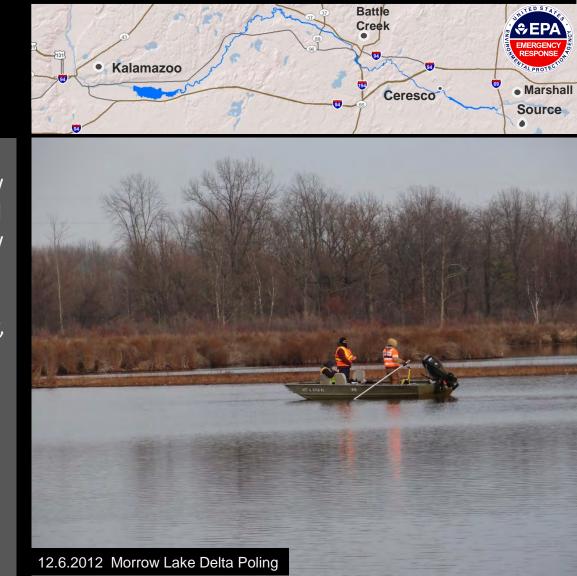
Science

 Quarterly sediment trap bathymetry monitoring continued throughout this period.



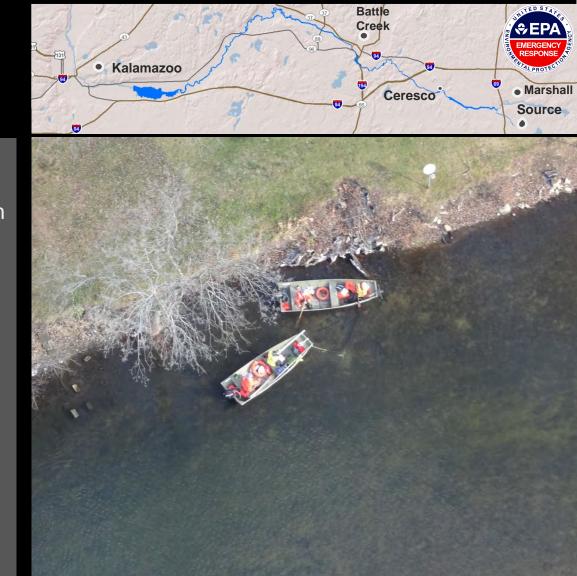
Submerged Oil Science

 Round 27 of Morrow Lake Monitoring and Round 11 of Morrow Lake Delta Monitoring was completed on Friday, December 9, 2012.



Submerged Oil Science

Poling downstream
 of Morrow Lake Dam
 began on Monday,
 December 10, 2012.



Submerged Oil Science

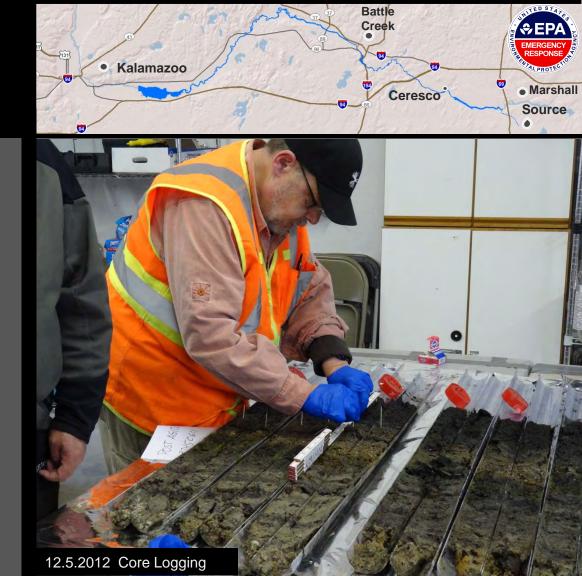
 Monthly CSD sampling began on Monday, December 10, 2012.



Submerged Oil

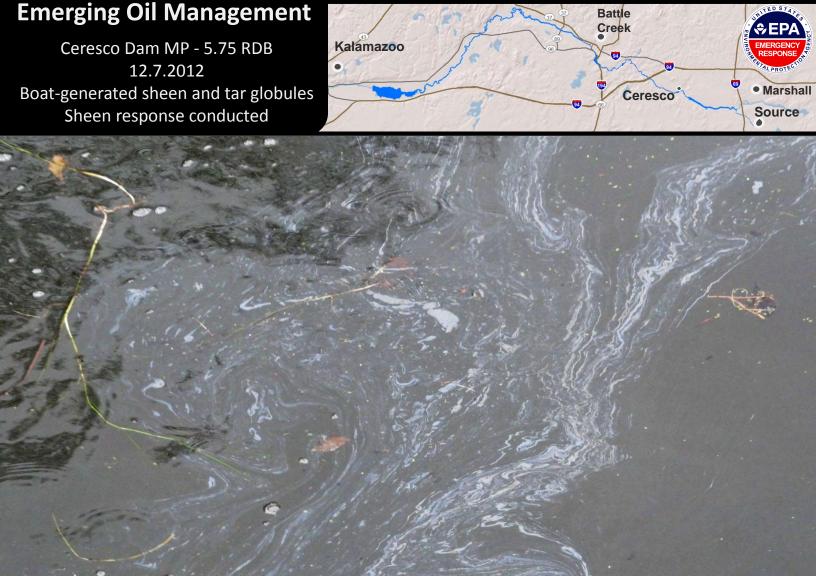
Science

 Logging of agitation and background cores continued throughout the operational period.



Emerging Oil Management Battle Creek Kalamazoo Ceresco Dam – MP 5.75 RDB 12.5.2012 Marshall Spontaneous sheen and tar globules Ceresco Source Sheen response conducted

Emerging Oil Management Battle Creek Kalamazoo Ceresco Dam – Control Point 12.7.2012 • Marshall Spontaneous sheen and tar globules Ceresco Source



Ceresco Dam MP - 5.75 RDB 12.7.2012 Sheen response activities





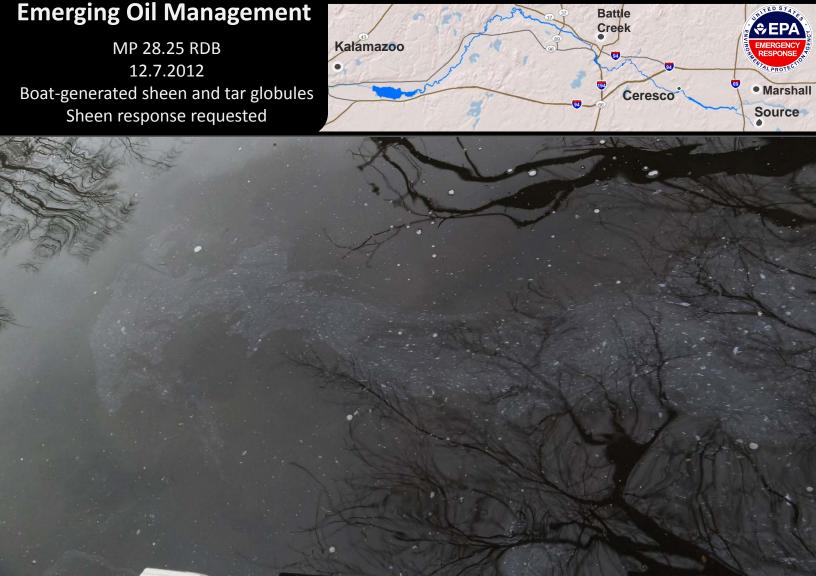
Ceresco Dam MP - 5.63 RDB 12.10.2012

Spontaneous sheen and tar globules
Sheen response conducted









Morrow Lake – South Cove 12.7.2012 Spontaneous sheen and tar globules Sheen response conducted



Morrow Lake – North Cove 12.7.2012

Spontaneous sheen and tar globules
Sheen response conducted

